

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-11. (Cancelled)

12. (Currently Amended) A method for treating or preventing an autoimmune disease or an autoimmune disorder comprising administering an effective amount of a pharmaceutical composition and/or immune modulator composition comprising a whole cell of a bacterium from one or more of the genera *Rhodococcus*, *Gordonia*, *Nocardia*, *Dietzia*, *Tsukamurella* and *Nocardioide*s to a subject wherein said composition modulates a cellular immune response, and wherein the autoimmune disease or autoimmune disorder involves inflammation of the intima of a blood vessel.

13. (Currently Amended) A method for ~~immunising~~ immunizing a subject against an autoimmune disease or an autoimmune disorder comprising administering a pharmaceutical composition and/or immune modulator composition comprising a whole cell of a bacterium from one or more of the genera *Rhodococcus*, *Gordonia*, *Nocardia*, *Dietzia*, *Tsukamurella* and *Nocardioide*s and wherein the autoimmune disease or autoimmune disorder involves inflammation of the intima of a blood vessel.

14. (Cancelled)

15. (Currently Amended) A method according to claim ~~[[14]]~~ 12 or claim 13 wherein the autoimmune disease or autoimmune disorder further involves inflammation of the muscular layer of a blood vessel, or of the heart.

16. (Currently Amended) A method according to ~~any one of claims 12-15~~ claim 12 or claim 13 wherein the autoimmune disease or autoimmune disorder is one which is preceded by or caused

by a vascular disorder.

17. **(Currently Amended)** A method according to ~~any one of claims 12-16~~ claim 12 or claim 13 wherein the autoimmune disease or autoimmune disorder is selected from one or more of the following: arthritis, particularly rheumatoid arthritis, psoriasis, psoriatic arthropathy, scleroderma, thyroiditis, post-transplant intimal hyperplasia, graft rejection and vascular disorders.

18. **(Original)** A method according to claim 17 wherein the vascular disorder is a vascular disorder which comprises an autoimmune element.

19. **(Currently Amended)** A method according to claim 17 ~~or claim 18~~, wherein the vascular disorder is selected from one or more of the following: Raynaud's disease or phenomenon, anterior uveitis, obliterative vascular disorder, atheroma formation (otherwise known as arteriosclerosis), arteritis, myointimal hyperplasia (natural or following angioplasty), inflammatory and autoimmune thickening of the intima and/or muscular layer of blood vessels, inflammatory blood vessel lesions, atherosclerotic heart disease, reperfusion injury, cardiac conduction disturbances, myocarditis, myocardial infarction.

20. **(Original)** A method according to claim 17 wherein the graft rejection is chronic graft rejection

21. **(Original)** A method according to claim 19 wherein the graft rejection is chronic graft rejection in the absence of an immunosuppressant.

22. **(Currently Amended)** A method according to ~~any one of claims 12-21~~ claim 12 or claim 13 wherein said bacterium is selected from one or more of the group consisting of Gordonia bronchialis, Gordonia amarae, Gordonia sputi, Gordonia terrae, Nocardia asteroides, Dietzia maris, Tsukamurella paurometabola, Rhodococcus ruber, Rhodococcus rhodnii, Rhodococcus coprophilus, Rhodococcus opacus, Rhodococcus erythropolis, Nocardioideis albus and

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Tsukamurella inchoensis.

23. **(Currently Amended)** A method according to ~~any one of claims 12-22~~ claim 12 or claim 13 wherein said bacterium is killed.

24. **(Cancelled)**

25. **(Cancelled)**